

# Mineral Industry Surveys

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## U.S. TRADE IN BAUXITE AND ALUMINA IN THE FOURTH QUARTER 2005

### U.S. Trade Data Comparisons

	Jan.-Dec. 2005*	Percentage change from Jan.-Dec. 2004	Principal source/destination
<u>Crude &amp; Dried Bauxite:</u>			
Imports	9,850	-2%	Brazil (33%), Guinea (25%), Jamaica (18%), Guyana (13%)
Exports	34	-19%	Canada (81%), Russia (5%), Mexico (4%)
<u>Calcined Bauxite:</u>			
Imports	337	-1%	China (44%), Australia (26%), Guyana (14%), Greece (14%)
Exports	18	-13%	Canada (63%), Mexico (28%)
<u>Alumina:</u>			
Imports	1,860	13%	Australia (50%), Suriname (30%), Jamaica (6%), Canada (6%)
Exports	1,200	-2%	Canada (34%), China (30%), Iceland (13%), Norway (9%)

\* Thousand metric tons

TABLE 1  
U.S. IMPORTS AND EXPORTS OF CRUDE AND DRIED BAUXITE<sup>1</sup>

(Metric tons)

Country	2004	2005				Year to date
		First quarter	Second quarter	Third quarter	Fourth quarter	
Imports (for consumption):						
Brazil	2,550,000	834,000	812,000	641,000	920,000	3,210,000
Guinea	2,320,000	626,000	630,000	574,000	625,000	2,450,000
Guyana	1,110,000	265,000	308,000	340,000	364,000	1,280,000
Jamaica <sup>2</sup>	3,340,000	473,000	625,000	466,000	194,000	1,760,000
Other	677,000	97,500	277,000	502,000	272,000	1,150,000
Total	10,000,000	2,300,000	2,650,000	2,520,000	2,380,000	9,850,000
Exports:						
Canada	20,800	8,520	8,770	3,700	6,440	27,400
Mexico	11,800	819	638	--	--	1,460
Other	9,150	1,870	774	1,510	676	4,830
Total	41,800	11,200	10,200	5,210	7,120	33,700

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>In 2004, exports to the United States; data from the Jamaica Bauxite Institute.

Sources: U.S. Census Bureau and Jamaica Bauxite Institute; data adjusted by the U.S. Geological Survey.

TABLE 2  
U.S. IMPORTS AND EXPORTS OF CALCINED BAUXITE, BY COUNTRY<sup>1</sup>

(Metric tons)

Country	2004		2005									
			First quarter		Second quarter		Third quarter		Fourth quarter		Year to date	
	Refrac- tory	Other	Refrac- tory	Other	Refrac- tory	Other	Refrac- tory	Other	Refrac- tory	Other	Refrac- tory	Other
Imports (for consumption):												
Brazil	--	6,880	--	--	--	409	--	--	--	--	--	409
China	116,000	88,400	35,200	18,400	26,500	3,030	18,500	12,900	23,400	9,180	104,000	43,500
Guyana	35,900	--	14,600	5,920	8,230	2,950	4,420	--	10,600	--	37,800	8,870
Other	13,000	80,300	120	25,200	165	24,900	--	22,500	46,200	23,700	46,500	96,400
Total	165,000	176,000	49,900	49,500	34,900	31,300	23,000	35,400	80,200	32,900	188,000	149,000
Exports:												
Canada	5,000	4,830	1,760	1,520	2,370	984	1,950	840	1,460	671	7,540	4,020
Mexico	839	9,100	66	2,090	122	982	124	1,260	105	406	417	4,730
Other	963	405	291	52	6	99	105	760	--	419	402	1,330
Total	6,800	14,300	2,120	3,660	2,500	2,070	2,180	2,860	1,560	1,500	8,360	10,100

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.

TABLE 3  
U.S. IMPORTS AND EXPORTS OF ALUMINA<sup>1</sup>

(Metric tons, calcined equivalent)

Country	2004	2005				Year to date
		First quarter	Second quarter	Third quarter	Fourth quarter	
Imports (for consumption): <sup>2</sup>						
Australia	816,000	265,000	185,000	212,000	270,000	932,000
Canada	106,000	27,500	22,700	26,000	27,000	103,000
India	739	876	2,870	1,230	1,190	6,170
Jamaica	59,500	19,000	30,500	41,000	25,400	116,000
Suriname	543,000	117,000	129,000	158,000	155,000	560,000
Other	128,000	21,800	34,800	42,500	48,600	148,000
Total	1,650,000	451,000	405,000	481,000	527,000	1,860,000
Exports: <sup>3</sup>						
Canada	144,000	79,800	78,900	143,000	106,000	407,000
China	493,000	128,000	45,100	78,700	114,000	366,000
Mexico	53,900	14,100	19,600	18,600	16,900	69,300
Norway	303,000	31,800	35,100	36,800	83	104,000
Other	234,000	81,200	57,500	65,400	54,400	259,000
Total	1,230,000	335,000	236,000	342,000	291,000	1,200,000

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes imports of aluminum hydroxide: 144,000 tons in 2004; 26,100 tons in the first quarter, 27,500 tons in the second quarter, 38,400 tons in the third quarter, and 56,400 tons in the fourth quarter of 2005.

<sup>3</sup>Includes exports of aluminum hydroxide: 47,600 tons in 2004; 11,400 tons in the first quarter, 15,800 tons in the second quarter, 13,500 tons in the third quarter, and 12,400 tons in the fourth quarter of 2005.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.